

**ABSTRACT**

5 A molecular complex comprising a gene encoding interferon releasably linked to a conjugate of a nucleic acid binding agent and a ligand which binds to a component on the surface of a cell. In a preferred embodiment, the gene encodes human IFN- $\alpha$ , IFN- $\beta$ , or IFN- $\gamma$ . The complex can be used to obtain targeted expression of interferon in selected cells either *in vivo* or *in vitro*.

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